

IX.4.3C-SYSTEM-GP24 PREPROCESSOR PARAMETRIC DATA BASE PARAMETER ARRAY  
 GP24: WGRFC GRID SYSTEM STATION GRID POINT  
 LOCATION PARAMETERS

Purpose

Parameter array GP24 contains the precipitation network in terms of the 6 minute grid system used by the WGRFC grid system.

Array Contents

<u>Starting Position</u>	<u>Dimension</u>	<u>Type</u>	<u>Input/Generated</u>	<u>Description</u>
1	1	I	G	Parameter array version number
2	1	I	G	Number of stations in list (NSTA)
3	1	I	G	Number of stations that share the same grid point address (NSHARE)
4	2	R	G	Unused
6	2*NSTA	I*2	I/G	Station grid point address, number of stations with this address and pointer to the section of the array containing PP24 pointers for stations with the same address <u>1/</u>
6+2*NSTA	NSHARE	I*2	G	PP24 data pointers for stations that share the same grid point address <u>2/</u>

Notes:

1/ Two values for each station values are stored in the same order as the data in the PP24 array returned from Preprocessor Data Base routine RPDDL. The first is the grid point address of the station. The grid point address is zero if no station is defined for the corresponding PP24 position or if the station does not have a grid point address defined. The second is an encoded value where the units digit is the total number of stations (maximum of 9) that have the same grid point address and the other digits are the location in the PP24 data pointer section of this array that identifies all the stations with the same address. The location in the PP24 data pointer section is only given when there are multiple stations with the same grid point address. The second value is negative for all but the first station in this array that shares a specific grid point address.

2/ Pointers are to the array location in the PP24 data array returned from RPDDLY.